

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (CURRENTLY AMENDED) A steering wheel for a motor vehicle, the steering wheel having a front side with a center and a back side, the steering wheel comprising:

a steering wheel module supporting electrical/electronic subassemblies, the steering wheel module being inserted from the front side into the center of the steering wheel to be attached to the steering wheel;

wherein a lower end of the steering wheel module forms a torsion module of a torque detection device for a steering power-assist system, the torsion module being operable to receive and be attached to a steering spindle of a steering column on the back side of the steering wheel in order to attach the steering wheel to the steering spindle when the steering wheel module is attached to the steering wheel;

wherein the torsion module is a spoke wheel having a hub piece that is operable to receive and be attached to the steering spindle, the spoke wheel further having a rim that concentrically surrounds the hub piece through a plurality of flexible spokes;

wherein the spoke wheel includes limit stop spokes arranged alternately with the flexible spokes, the limit stop spokes being joined to the hub piece and the rim such that the limit stop spokes are prevented from being rotated with respect to the hub piece and such that ends of the limit stop spokes engage limit stop arrangements located on the rim.

2. (CANCELLED)

3. (CURRENTLY AMENDED) The steering wheel of claim [[2]] 1 wherein:
the rim includes attachment holes which run parallel to an axial axis of the hub piece, the attachment holes for receiving bolts attached to the steering wheel module in order to attach the steering wheel module to the spoke wheel.

4. (CANCELLED)

5. (CURRENTLY AMENDED) The steering wheel of claim [[4]] 1 wherein:
each limit stop arrangement is formed by two stop beads in the rim, each bead
pointing radially inwards toward the hub piece.

6. (CURRENTLY AMENDED) The steering wheel of claim [[2]] 1 wherein:
the flexible spokes of the spoke wheel include strain gauges for the detection of
torque applied on the steering wheel.

7. (CURRENTLY AMENDED) The steering wheel of claim [[4]] 1 wherein:
the limit stop spokes of the spoke wheel are limited by stops along the axial
direction of the hub piece in order to hinder relative movement between the hub piece and the
rim in the axial direction.

8. (ORIGINAL) The steering wheel of claim 1 wherein:
the electrical/electronic subassemblies of the steering wheel module include an
analysis device for evaluating the torque exerted on the steering wheel as detected by the torsion
module.

9. (ORIGINAL) The steering wheel of claim 1 wherein:
the electrical/electronic subassemblies of the steering wheel module include an
airbag unit.

10. (CURRENTLY AMENDED) A steering assembly for a motor vehicle, the
steering assembly comprising:
a steering wheel having a front side with a center and a back side;
a steering spindle of a steering column; and

a steering wheel module supporting electrical/electronic subassemblies, the steering wheel module being inserted from the front side into the center of the steering wheel to be attached to the steering wheel;

wherein a lower end of the steering wheel module forms a torsion module of a torque detection device for a steering power-assist system, the torsion module being operable to receive and be attached to the steering spindle on the back side of the steering wheel in order to attach the steering wheel to the steering spindle when the steering wheel module is attached to the steering wheel;

wherein the torsion module is a spoke wheel having a hub piece operable to receive and be attached to the steering spindle, the spoke wheel further having a rim that concentrically surrounds the hub piece through a plurality of flexible spokes;

wherein the spoke wheel includes limit stop spokes arranged alternately with the flexible spokes, the limit stop spokes being joined to the hub piece and the rim such that the limit stop spokes are prevented from being rotated with respect to the hub piece and such that ends of the limit stop spokes engage limit stop arrangements located on the rim.

11. (CANCELLED)

12. (CURRENTLY AMENDED) The steering assembly of claim [[11]] 10 wherein:

the rim includes attachment holes which run parallel to an axial axis of the hub piece, the attachment holes for receiving bolts attached to the steering wheel module in order to attach the steering wheel module to the spoke wheel.

13. (CANCELLED)

14. (CURRENTLY AMENDED) The steering assembly of claim [[13]] 10 wherein:

each limit stop arrangement is formed by two stop beads in the rim, each bead pointing radially inwards toward the hub piece.

15. (CURRENTLY AMENDED) The steering assembly of claim ~~[[11]]~~ 10 wherein:

the flexible spokes of the spoke wheel include strain gauges for the detection of torque applied on the steering wheel.

16. (CURRENTLY AMENDED) The steering assembly of claim ~~[[13]]~~ 10 wherein:

the limit stop spokes of the spoke wheel are limited by stops along the axial direction of the hub piece in order to hinder relative movement between the hub piece and the rim in the axial direction.

17. (ORIGINAL) The steering assembly of claim 10 wherein:

the electrical/electronic subassemblies of the steering wheel module include an analysis device for evaluating the torque exerted on the steering wheel as detected by the torsion module.

18. (ORIGINAL) The steering assembly of claim 10 wherein:

the electrical/electronic subassemblies of the steering wheel module include an airbag unit.